09/27/01

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39/26/0

PATENT

Docket No. __D-440

Partissioner of Patents and Trademarks Washington, D.C. 20231

NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of

Inventor(s):

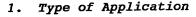
Randal K. Douglas and Anthony S. Abbott

For (title):

ļ.

Spread Spectrum Receiver Kalman Filter Residual

Estimator Method



This new application is an ORIGINAL application.

2. Benefit of Prior U.S. Application(s) (35 USC 120) - No

CERTIFICATION UNDER 37 CFR 1.10

I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service on this date in the Local Service on this date in the Local Service on the Local Service of the Local Service of Patents and Trademarks, Washington, D.C. 20231

Carole A. Mulchinski

(Type or print name of person mailing paper)

(Signature of person mailing paper)

(Application Transmittal [4-1]--page 1 of 4)

3. 37 C	Papers Enclosed Which Are Required for Filing Date Under 37 CFR 1.53(b) (Regular) or CFR 1.153 (Design) Application								
	32_Pages of specification11_Pages of claims1_Pages of Abstract4_Sheets of drawing								
	/_/ informal /_/ in triplicate								
4.	Additional papers enclosed								
	/ Preliminary Amendment								
	// Information Disclosure Statement								
	// Form PTO-1449								
5.00 000 000 000 000 000 000 000 000 000	Declaration or oath executed by INVENTOR(S)								
	\sqrt{X} Enclosed								
6.	Inventorship Statement								
The state of the s	The inventorship for all the claims in this application is THE SAME.								
7.	Language: ENGLISH								
8.	Assignment								
The grid with the	/X / An assignment of the invention to <u>The Aerospace Corporation</u> P. O. Box 92957 (M1/040), Los Angeles, CA 90009-2957								
rin List	$\frac{\overline{/X}}{}$ is attached								
þ.A	// will follow								
9.	Certified Copy								
att	Certified copy(ies) of application(s) X are not applicableare achedwill follow.								

(Application Transmittal [4-1]-- page 2 of 4)

Fee Calculation

10.

\overline{X} Regular application

		<u>/x</u> /	Regular appl	licati	on			
CLAIMS AS FILED								- -
Number Filed		Number Extra			Rate		asic Fee \$710.00	_
Total Claims -	16	-20=	0	x	\$ 9.00			_
Independent Claims -	3	-3=	0	x	\$ 40.00		00.00	_
Multiple depende	ent cla	lim(s),	if any		\$270.00			-
		Amend	ment cancell:	ing ex	tra claims	enclosed		
		Amend	ment deleting	g mult	iple depen	dencies enclos	ed	
Control of the contro		Fee f	or extra cla	ims is	not being	paid at this	time	
Filing Fee Calculation \$710.00								
Small Entity Statement(s)								
ed grani	<u>/x_/</u>	Appli	cant claims s	small	entity sta	tus.	\$ <u>355.00</u>	
12. Fee Payment Being Made At This Time								
Fee		$\frac{\sqrt{-}}{}$ irchargiently.	e required by			at this time. can be paid s		and the
hā	<u>/x_/</u>	Enclo	sed					
		<u>/x/</u>	Basic filing	g fee				\$ _355.00
		<u>/X_/</u>	Recording as	ssignm	ent (\$40.0	0; 37 CFR 1.21	(h)(1))	\$ 40.00
			Total fees	enclo	sed			\$ <u>395.00</u>

(Application Transmittal [4-1]--page 3 of 4)

13.	Method of Paymen	nt of Fees				
	<u>/X_/</u>	charge Account No. $01-0428$ in the amount of \$ 395.00. A duplicate of this transmittal is attached.				
14.	Authorization to	Charge Additional Fees				
	<u>/x /</u>	The Commissioner is hereby authorized to charge the following additional fees by this paper and during the entire pendency of this application to Account No. 01-0428				
		\sqrt{X} 37 CFR 1.16 (filing fees)				
		$\sqrt{\overline{X}}$ 37 CFR 1.16 (presentation of extra claims)				
		$\sqrt{\overline{\text{X}}}$ 37 CFR 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)				
***		$\overline{\frac{X}{X}}$ 37 CFR 1.17 (application processing fees)				
		$\sqrt{\overline{X}}$ 37 CFR 1.18 (issue fee at or before mailing of Notice of Allowance, pursuant to 37 CFR 1.311(b).				
15.	Instructions As To Overpayment					
	<u>/x</u> /	credit Account No. 01-0428				
Reg.	No.: 32,096	Vench Mehally				
And	- -	Signature of Attorney				

<u>Derrick Michael Reid</u> Type or print name of attorney

THE AEROSPACE CORPORATION P.O. Box 92957 (M1/040) Los Angeles, CA 90009-2957

 \overline{X} This transmittal ends with this page.

Tel. No. (310) 336-6708

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